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# NOTES:

- 1 APPLY F/N 62 TO FAYING SURFACES.
- 2 AFTER INSTALLATION, APPLY F/N 63 A/R TO FILL GAPS AND FILLET EDGES
- 3 MATCH DRILL HOLE ON TAB OF F/N 13 TO FIT RIVET F/N 45
- 4 REQUIRED QTY  
F/N 12: 1  
F/N 15: 2  
F/N 17: 1  
INSTALL EXTRA AS NEEDED
- 5 INSTALL ONLY IF REQUIRED

REVISIONS				REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED	REV.	DESCRIPTION	DATE	APPROVED
C	INCORPORATED ECN 03732, 03885, 04486, 05503	07-28-16	P. BRAVO		LAST PROTOTYPE REVISION: PR2		
D	INCORPORATED ECN 05731	04-04-17	P. BRAVO	N/C	INITIAL RELEASE	01-26-12	P. BRAVO
				A	INCORPORATED ECN 03444, 03489	04-17-12	P. BRAVO
				B	INCORPORATED ECN 03527	05-29-12	P. BRAVO

DETAIL A

2  
B7

DETAIL B

3  
B7

DETAIL D

5  
B6

DETAIL C

4  
B7

4	67	649.4817	SHIM		5
16	66	601.3151	WASHER	NAS1149F0363P	
	65		DELETED		
	64		DELETED		
1	63	600.1012	SEALANT	PR-1425 CLAS B	
1	62	601.2045	RTV	LOCTITE 598	1
8	61	601.2381	WASHER	NAS620C-10L	
8	60	601.2638	WASHER	NAS1149F0432P	
18	59	601.2764	WASHER	NAS1149FN832P	
53	58	601.1607	WASHER	NAS1149F0332P	
2	57	601.3470	WASHER	AN970-3	
6	56	601.1365	SCREW	MS27039-1-10	
4	55	601.1621	SCREW	MS27039-1-08	
2	54	601.3289	SCREW	MS27039-1-25	
6	53	601.2765	SCREW	MS27039-0819	
13	52	601.3190	SCREW	MS27039-1-13	
3	51	601.3124	SCREW	MS27039-0824	
4	50	601.1622	SCREW	MS27039-1-14	
4	49	601.2910	SCREW	MS27039-1-18	
1	48	601.3252	SCREW	MS2469S58	
	47		DELETED		
.4701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

2	46	601.3146	SCREW	MS24694C57	
8	45	601.1125	RIVET	MS20470AD5-11	
4	44	601.2542	RIVET	MS20470AD5-9	
	43		DELETED		
23	42	601.1773	RIVET	MS20470AD4-3	
12	41	601.1616	RIVET	MS20426AD3-5	
6	40	601.1900	NUTPLATE	MS21059-3	
1	39	601.3209	LOCKNUT	MS21042L4	
25	38	601.1624	LOCKNUT	MS21042L3	
9	37	601.1541	LOCKNUT	MS21042L08	
2	36	601.3008	INSERT	NAS1834C-300	
2	35	601.3468	INSERT	NAS1832-4-7	
8	34	601.3459	INSERT	NAS1832-3-7	
2	33	601.3474	CHERRY RIVET	CR3214-5-02	
13	32	601.4061	SCREW	91420A230	DIN965
20	31	601.3472	CHERRY RIVET	CR3213-5-05	
29	30	601.1183	CHERRY RIVET	CR3213-4-05	
	29		DELETED		
16	28	601.2020	CHERRY RIVET	CR3213-5-03	
2	27	601.3473	CHERRY RIVET	NAS1097AD-4-3	
2	26	601.2669	BOLT	AN4C7A	
4	25	601.3555	BOLT	AN4C5A	
8	24	601.0788	BOLT	AN3C12A	
1	23	649.5112	WIPER DEFLECTOR		
1	22	649.5111	WIPER DEFLECTOR		
2	21	649.5110	WIPER DEFLECTOR		
8	20	647.9014	STRUT BRACKET		
4	19	646.9910	STRUT		
3	18	649.4815	SHIM		
3	17	649.4812	SHIM		4
2	16	649.5213	DOUBLER		
4	15	649.4813	SHIM		4
1	14	649.5211	SHIM		
2	13	601.3493	QUICK RELEASE PIN		3
3	12	649.4816	DOUBLER		4
2	11	649.4814	DOUBLER		
2	10	649.5210	DOUBLER		
1	9	649.5011	DEFLECTOR		
2	8	649.5013	DEFLECTOR		
2	7	649.5012	DEFLECTOR		
1	6	649.4811	CLIP		
1	5	649.5212	BRACKET		
1	4	649.5214	BRACKET		
1	3	649.5014	DEFLECTOR		
1	2	649.4901	UPPER CUTTER ASSY		
1	1	649.4902	LOWER CUTTER ASSY		
		649.4701	A119 CABLE CUTTERS KIT		
.4701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY  
NEXT ASSY (S)

ORIGINAL DATE  
(MO-DA-YR) 04-17-2012  
DRAWN BY  
S. COCHRAN  
CHECKER  
P. BRAVO  
DRAWING APPROVAL  
P. BRAVO  
04-17-2012  
CONTRACT NO.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS ±.010  
3 PLACE DECIMALS ±.005  
ANGLES ±.5°

## PARTS LIST

**DART**  
AEROSPACE  
APICAL INDUSTRIES, INC.  
dba DART AEROSPACE

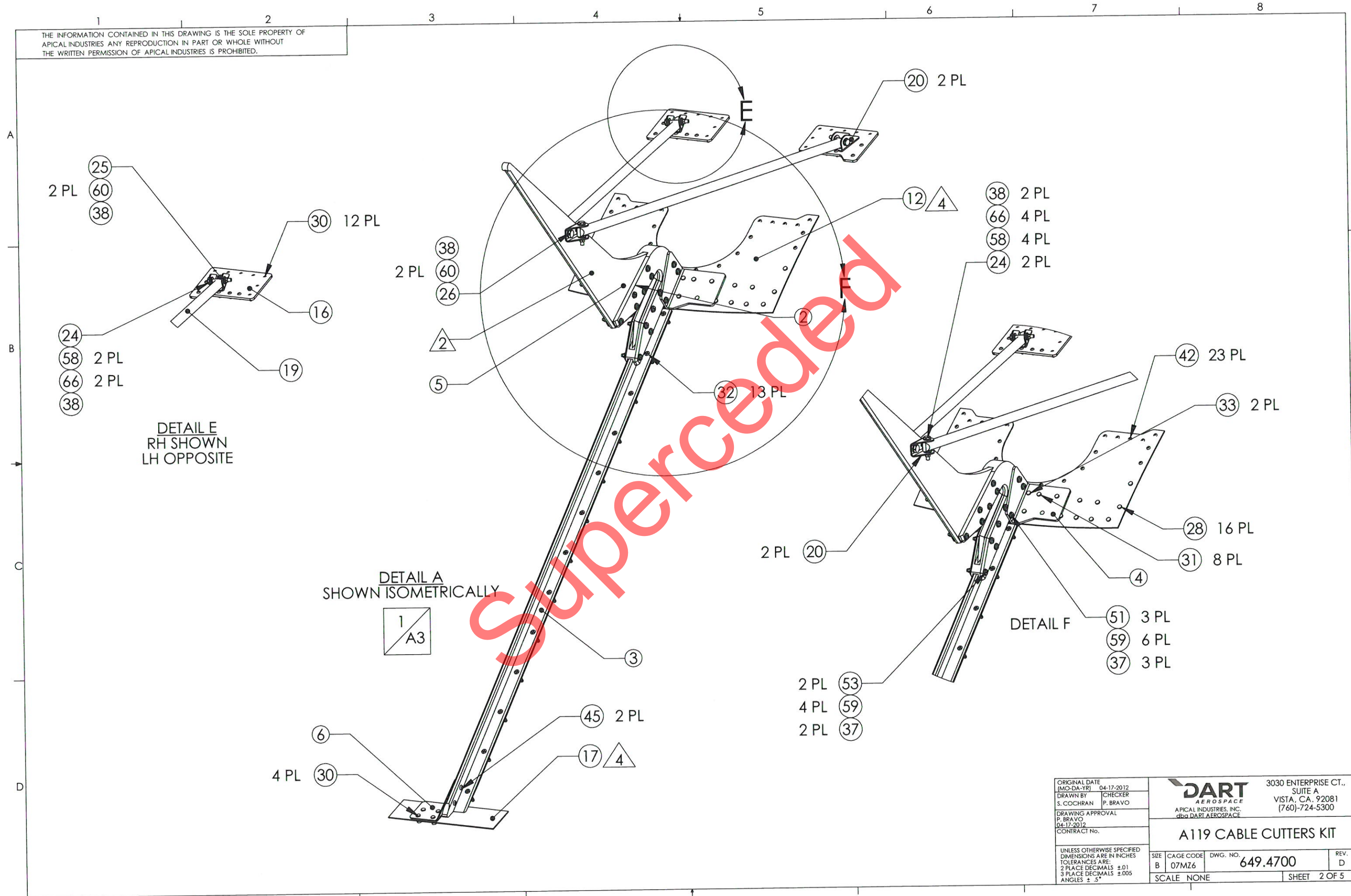
3030 ENTERPRISE CT.,  
SUITE A  
VISTA, CA. 92081  
(760)-724-5300

## A119 CABLE CUTTERS KIT

SIZE  
B  
CAGE CODE  
07MZ6  
DWG. NO.  
649.4700  
REV.  
D  
SCALE  
NONE  
SHEET  
1 OF 5



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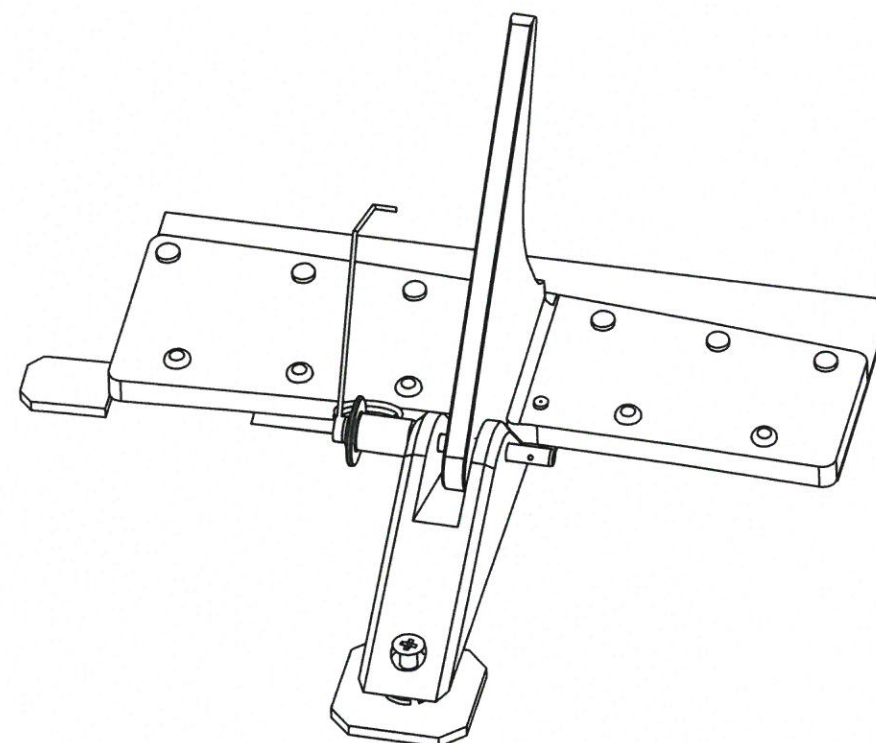
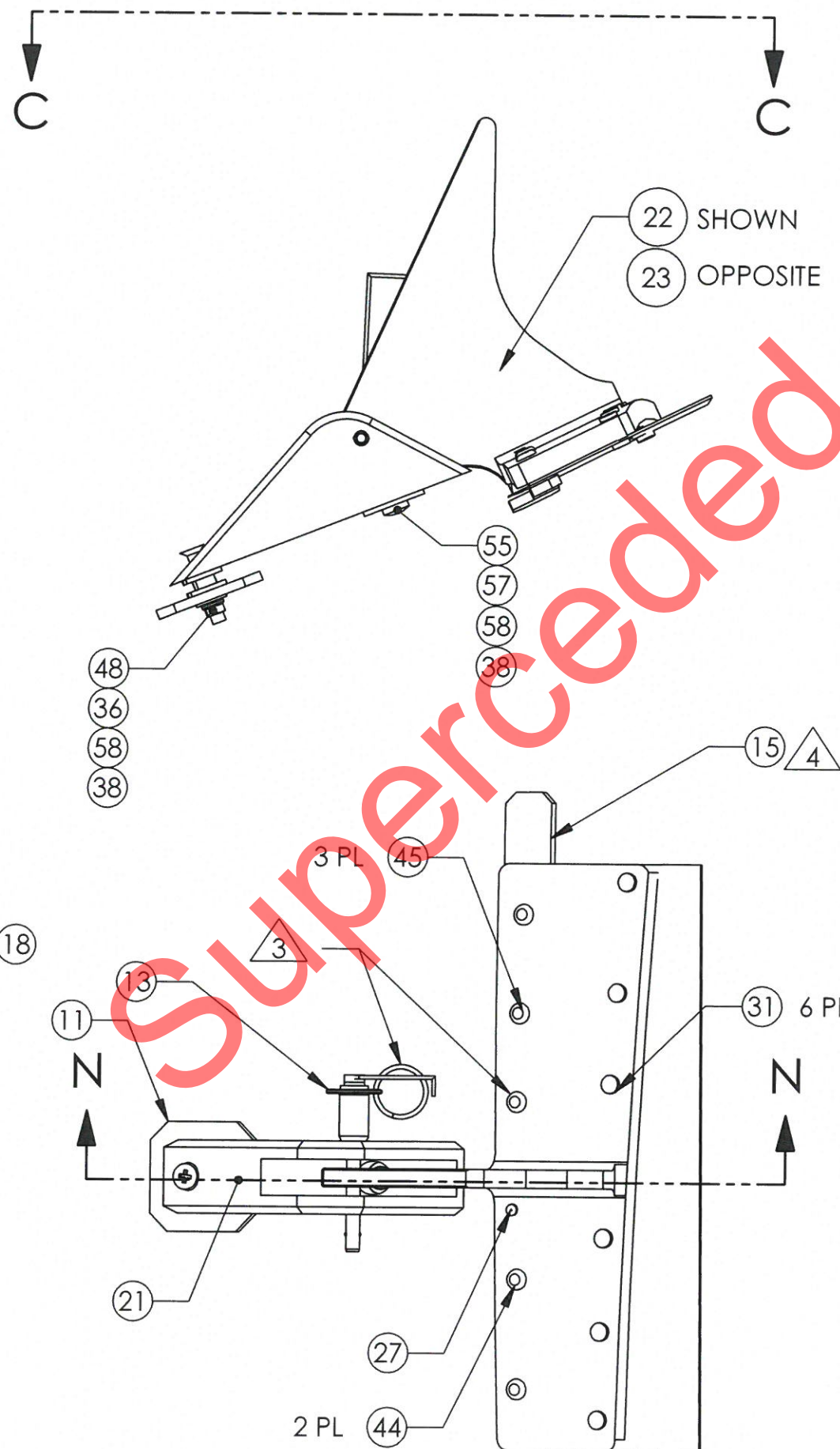
DETAIL A  
SHOWN ISOMETRICALLY

DETAIL E  
RH SHOWN  
LH OPPOSITE

DETAIL F

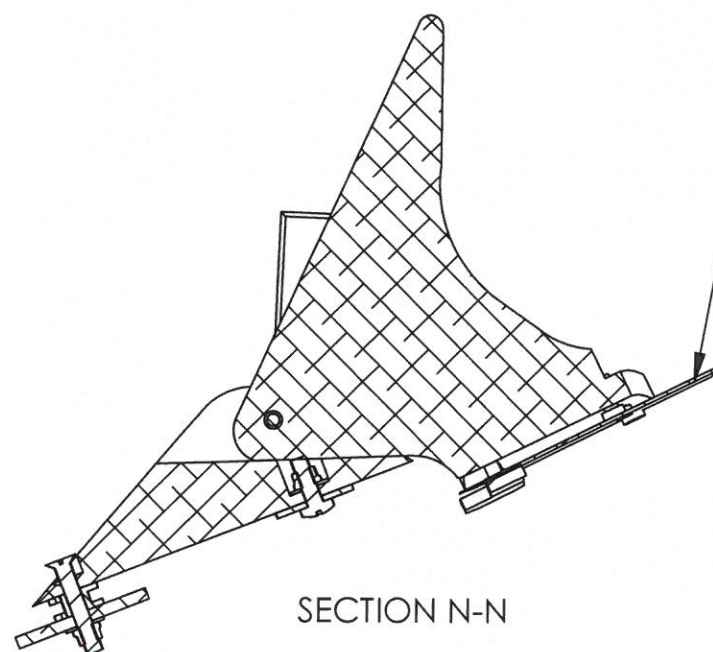
ORIGINAL DATE (MO-DA-YR) 04-17-2012		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY S. COCHRAN	CHECKER P. BRAVO	<div> <div> </div> <div> <b>DART</b> AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE </div> </div>	
DRAWING APPROVAL P. BRAVO 04-17-2012	CONTRACT No.		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B CAGE CODE 07MZ6 DWG. NO. 649.4700 SCALE NONE	REV. D SHEET 2 OF 5

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DETAIL B  
SHOWN ISOMETRICALLY  
RH SHOWN  
LH OPPOSITE

1  
B2

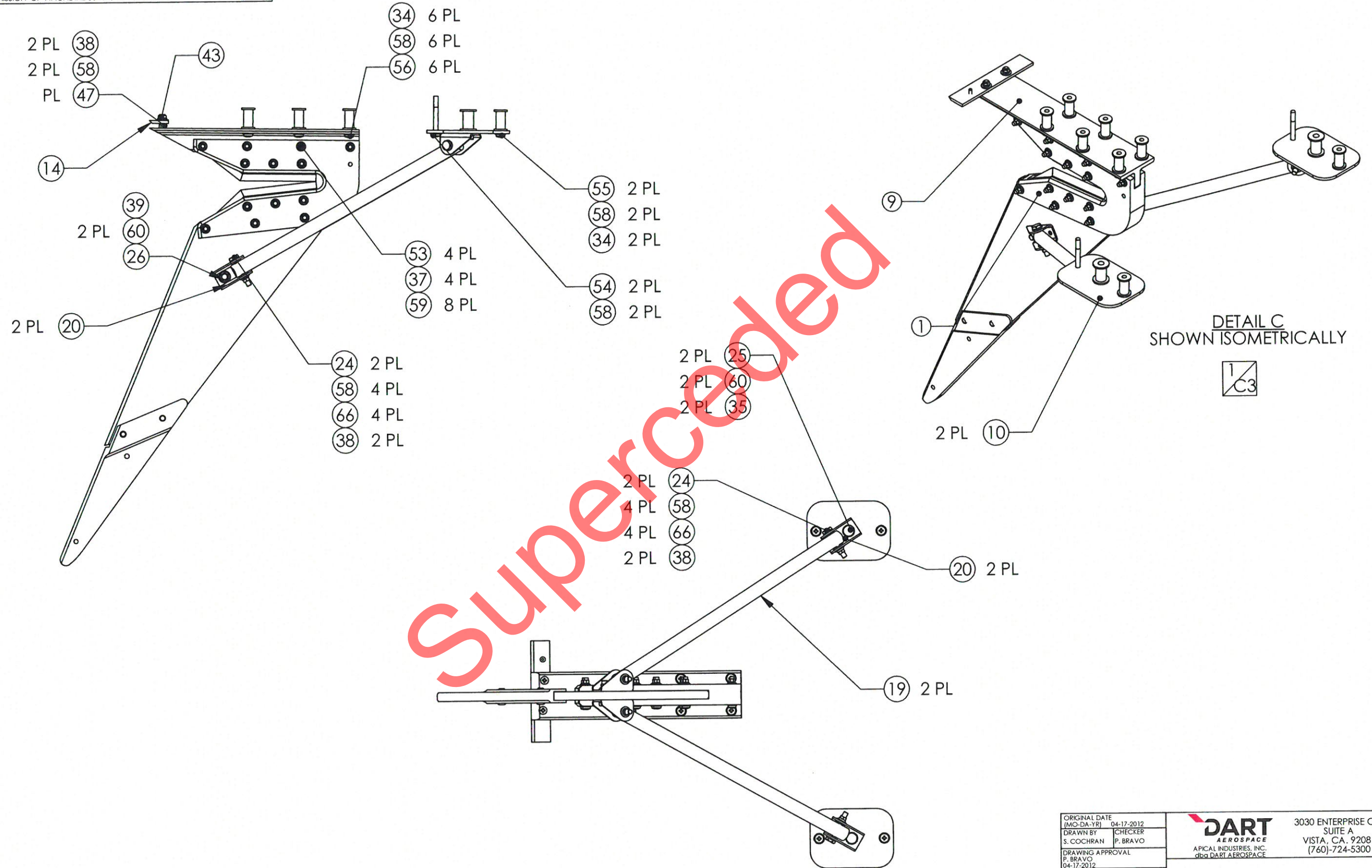



SECTION N-N

ORIGINAL DATE (MO-DA-YR) 04-17-2012		 <b>DART</b> AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300			
DRAWN BY S. COCHRAN	CHECKER P. BRAVO						
DRAWING APPROVAL P. BRAVO 04-17-2012		<b>A119 CABLE CUTTERS KIT</b>					
CONTRACT No.							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. <b>649.4700</b>	REV. D		
		SCALE NONE		SHEET 3 OF 5			

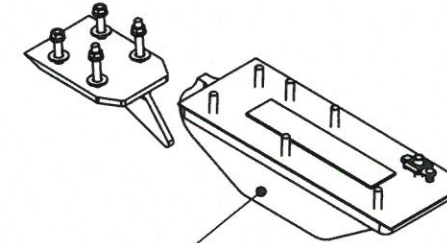
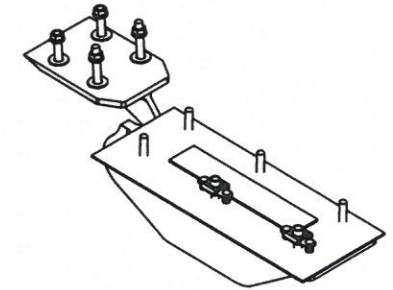
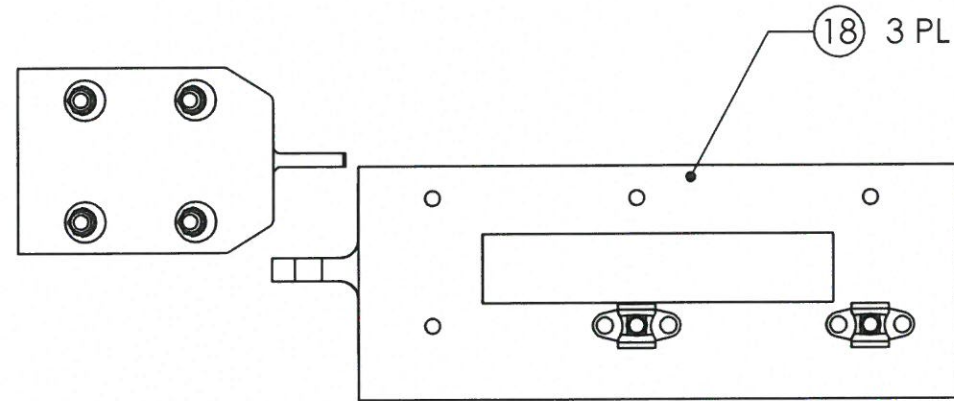


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DRAWN BY S. COCHRAN	CHECKER P. BRAVO				
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CONTRACT No.					
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		SCALE NONE		SHEET 4 OF 5	

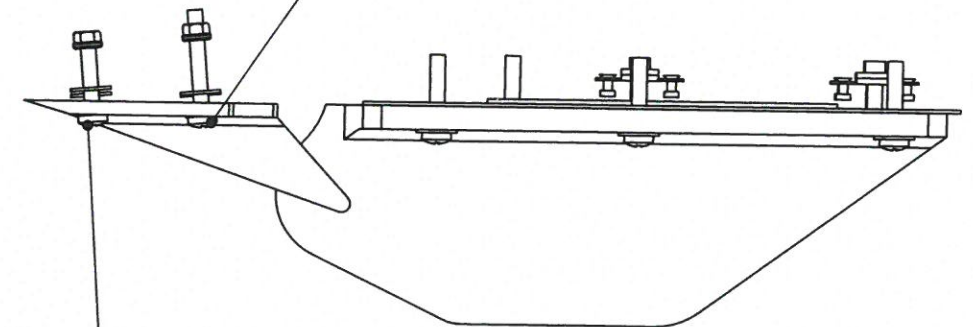
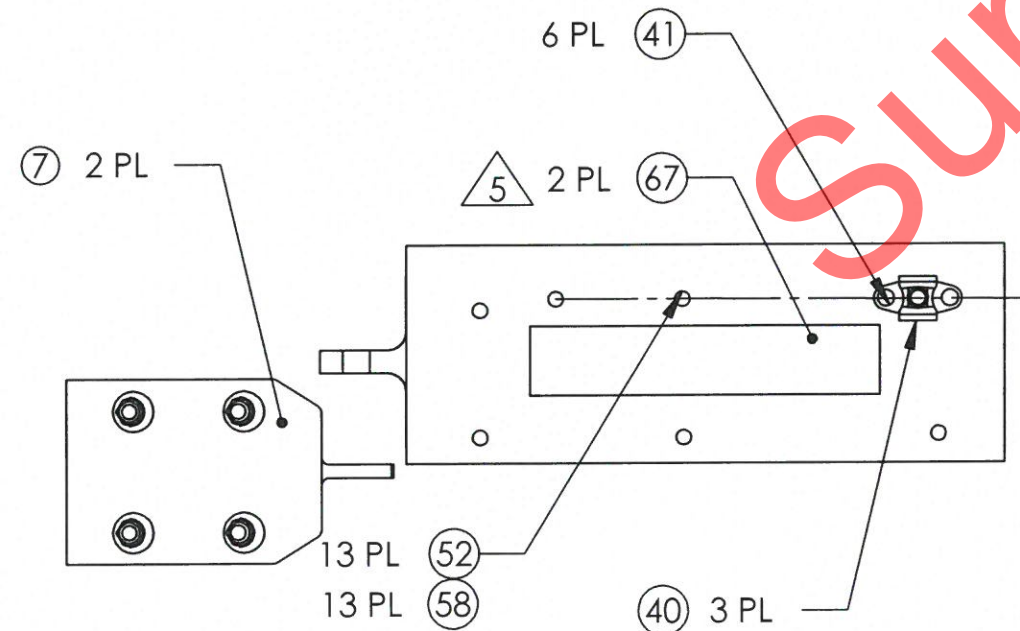
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DETAIL D  
SHOWN ISOMETRICALLY



⑧ 2 PL



③⑧ 4 PL  
⑤⑧ 4 PL  
⑥① 4 PL  
④⑥ 2 PL

⑤① 4 PL  
⑥① 4 PL  
⑤⑧ 4 PL  
③⑧ 4 PL

ORIGINAL DATE (MO-DA-YR) 04-17-2012		 <b>DART</b> AEROSPACE		3030 ENTERPRISE CT., SUITE A	
DRAWN BY S. COCHRAN				CHECKER P. BRAVO	
DRAWING APPROVAL P. BRAVO 04-17-2012		APICAL INDUSTRIES, INC. dba DART AEROSPACE		VISTA, CA. 92081 (760)-724-5300	
CONTRACT No.		<b>A119 CABLE CUTTERS KIT</b>			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°					
SIZE B	CAGE CODE 07MZ6	DWG. NO. <b>649.4700</b>		REV. D	
SCALE NONE			SHEET 5 OF 5		